Contents of Volume 27

Number 1, January 1, 1988

Effect of DL-α-difluoromethylornithine on methionine cycle intermediates in *Trypanosoma brucei brucei* (MBP 00891)
N. Yarlett and C.J. Bacchi (U.S.A.) 1

Acidic phosphoproteins associated with the host erythrocyte membrane of erythrocytes infected with *Plasmodium berghei* and *P. chabaudi* (MBP 00892)
M.F. Wiser, M.B. Leible and B. Plitt (F.R.G.) 11

Erythrocyte receptor recognition varies in *Plasmodium falciparum* isolates (MBP 00893)
M.E. Perkins and E.H. Holt (U.S.A.) 23

Codon usage in *Plasmodium falciparum* (MBP 00897)
A. Saul and D. Battistutta (Australia) 35

Acid protease activity of a major surface membrane glycoprotein (gp63) from *Leishmania mexicana* promastigotes (MBP 00898)
G. Chaudhuri and K.-P. Chang (U.S.A.) 43

Purification of two *Leishmania donovani* membrane proteins recognized by sera from patients with visceral leishmaniasis (MBP 00899)
C.L. Jaffe and M. Zalis (Israel) 53

Peculiar sequence organization of kinetoplast DNA minicircles from *Trypanosoma cruzi* (MBP 00900)
W. Degrave, S.P. Fragoso, C. Britto, H. van Heuverswyn, G.Z. Kidane, M.A.B. Cardoso, R.U. Mueller, L. Simpson and C.M. Morel (Brazil, U.S.A.) 63

The variable region of the *Trypanosoma brucei* kinetoplast maxicircle: sequence and transcript analysis of a repetitive and a non-repetitive fragment (MBP 00894)
B.F. de Vries, E. Mulder, J.P.J. Brakenhoff, P. Sloof and R. Benne (The Netherlands) 71

The biochemical and immunochemical characterisation of the 30 kilodalton surface antigen of *Brugia pahangi* (MBP 00895)
E. Devaney (U.K.) 83

Leishmania major: glycolipid antigens recognized by immune human sera (MBP 00896)
G. Rosen, M.V. Londner, D. Sevlever and C.L. Greenblatt (Israel) 93

Numbers 2-3, January 15, 1988

Physicochemical characteristics of non-electrolytes and their uptake by *Brugia pahangi* and *Dipetalonema viteae* (MBP 00901)
J.P. Court, R.C. Murgatroyd, D. Livingstone and E. Rahr (U.K.) 101

Substrate specificities of 5′-deoxy-5′-methylthioadenosine phosphorylase from *Trypanosoma brucei brucei* and mammalian cells (MBP 00907)
L.Y. Ghoda, T.M. Savarese, C.H. Northup, R.E. Parks, Jr., J. Garofalo, L. Katz, B.B. Ellenbogen and C.J. Bacchi (U.S.A.) 109

Depression of *Plasmodium falciparum* dihydroorotate dehydrogenase activity in in vitro culture by tetracycline (MBP 00903)
P. Prapunwattana, W.J. O'Sullivan and Y. Yuthavong (Thailand and Australia) 119

The purification and properties of two soluble reduced nicotinamide:acceptor oxidoreductases from *Trichomonas vaginalis* (MBP 00905)
D.J. Linstead and S. Bradley (U.K.) 125

Characterization of a 225 kilodalton rhoptry protein of *Plasmodium falciparum* (MBP 00904)
N. Roger, J.-F. Dubremetz, P. Delplace, B. Fortier, G. Tronchin and A. Vernes (France) 135

Comparison of several lizard *Leishmania* species and strains in terms of kinetoplast minicircle and maxicircle DNA sequences, nuclear chromosomes, and membrane lipids (MBP 00906)
M.C. Gomez-Eichelmann, G. Holtz, Jr., D. Beach, A.M. Simpson and L. Simpson (U.S.A.) 143

Stage-specific alteration of nucleoside membrane permeability and nitrobenzylthioinosine insensitivity in *Plasmodium falciparum* infected erythrocytes (MBP 00911)
A.M. Gero, E.M.A. Bugledich, A.R.P. Paterson and G.P. Jamieson (Australia and Canada) 159

The S-antigen of *Plasmodium falciparum* Palo Alto represents a new S-antigen serotype (MBP 00909)
D. Mattei, G. Langsley, C. Braun-Breton, M. Guillotte, J.-F. Dubremetz and O. Mercereau-Puijalon (France) 171

N-Glycosylation as a biochemical basis for virulence in *Leishmania mexicana amazonensis* (MBP 00908)
J.A. Kink and K.-P. Chang (U.S.A.) 181

Gene exchange in African trypanosomes: characterisation of a new hybrid genotype (MBP 00910)
J. Sternberg, A. Tait, S. Haley, J.M. Wells, R.W.F. Le Page, J. Schweizer and L. Jenni (U.K. and Switzerland) 191

A site of intrinsic bending in a highly repeated element of *Plasmodium berghei* genome (MBP 00912)
E. Dore, T. Pace, M. Ponzi, R. Scotti and C. Frontali (Italy) 201

Two approximately 300 kilodalton *Plasmodium falciparum* proteins at the surface membrane of infected erythrocytes (MBP 00914)
R.J. Howard, J.W. Barnwell, E.P. Rock, J. Neequaye, D. Ofori-Adjei, W.L. Maloy, J.A. Lyon and A. Saul (U.S.A. and Ghana) 207

A kinetic model of phosphofructokinase from *Plasmodium berghei*. Influence of ATP and fructose-6-phosphate (MBP 00915)
D. Buckwitz, G. Jacobasch, C. Gerth, H.-G. Holzhütter and R. Thamm (G.D.R.) 225

Expression of diagnostic 31/32 kilodalton proteins of *Schistosoma mansoni* as fusions with bacteriophage MS2 polymerase (MBP 00917)
L.-Q. Klinkert, A. Ruppel, R. Felleisen, G. Link and E. Beck (F.R.G.) 233

Enhancement of the cytotoxicity of crystal violet against *Trypanosoma cruzi* in the blood by ascorbate (MBP 00916)
R. Docampo, S.N.J. Moreno and F.S. Cruz (Brazil) 241

Expression of an enzymatically active parasite molecule in *Escherichia coli*: *Schistosoma japonicum* glutathione *S*-transferase (MBP 00918)
D.B. Smith, M.R. Rubira, R.J. Simpson, K.M. Davern, W.U. Tiu, P.G. Board and G.F. Mitchell (Australia) 249

Comparison of repeated DNA from strains of *Entamoeba histolytica* and other *Entamoeba* (MBP 00919)
S. Bhattacharya, A. Bhattacharya and L.S. Diamond (U.S.A.) 257

The three 5S rRNA genes from the human malaria parasite *Plasmodium falciparum* are linked (MBP 00920)
D.E. Shippen-Lentz and A.C. Vezza (U.S.A.) 263

Molecular cloning and partial characterization of ribosomal RNA genes from *Trypanosoma cruzi* (MBP 00921)
R. Hernández, F. Díaz-de Léon and M. Castañeda (Mexico) 275

Purification and characterization of a metabolite-regulated pyruvate kinase from *Leishmania major* promastigotes (MBP 00913)
R. Etges and A.J. Mukkada (U.S.A.) 281

Variation in the precursor to the major merozoite surface antigens of *Plasmodium falciparum* (MBP 00929)
M.G. Peterson, R.L. Coppel, P. McIntyre, C.J. Langford, G. Woodrow, G.V. Brown, R.F. Anders and D.J. Kemp (Australia) 291

Sequence homology of surface membrane proteins of *Babesia rodhaini* (MBP 00933)
D. Snary and M.A. Smith (Beckenham, U.K.) 303

Nucleotide sequence and deduced amino acid sequence of a *Plasmodium falciparum* actin gene (MBP 00935)
J.G. Wesseling, J.M. de Ree, T. Ponnudurai, M.A. Smits and J.G.G. Schoenmakers (The Netherlands) 313

Contents continued from back cover:

Variation in the precursor to the major merozoite surface antigens of *Plasmodium falciparum* (MBP 00929)
M.G. Peterson, R.L. Coppel, P. McIntyre, C.J. Langford, G. Woodrow, G.V. Brown, R.F. Anders and D.J. Kemp (Australia) 291

Sequence homology of surface membrane proteins of *Babesia rodhaini* (MBP 00933)
D. Snary and M.A. Smith (Beckenham, U.K.) 303

Nucleotide sequence and deduced amino acid sequence of a *Plasmodium falciparum* actin gene (MBP 00935)
J.G. Wesseling, J.M. de Ree, T. Ponnudurai, M.A. Smits and J.G.G. Schoenmakers (The Netherlands) 313

Author Index 321

Subject Index 324

Contents of Volume 27 326